



PATENT

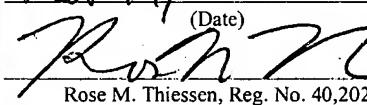
Case Docket No. PALL.087C1
Date: November 19, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Schindler, et al.
Appl. No. : 10/666,893
Filed : 17-Sep-2003
For : SULFONATED ARYL
SULFONATE MATRICES
AND METHODS OF
PRODUCTION
Examiner : Unassigned
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

Nov 19, 2003


(Date)

Rose M. Thiessen, Reg. No. 40,202

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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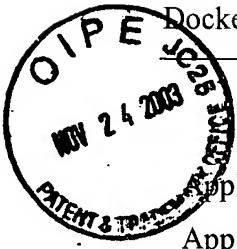
Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with forty-eight (48) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.



Rose M. Thiessen
Registration No. 40,202
Attorney of Record
Customer No. 20,995
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**INFORMATION DISCLOSURE STATEMENT**

Applicant : Schindler, et al.
 App. No. : 10/666,893
 Filed : 17-Sep-2003
 For : SULFONATED ARYL SULFONATE
 MATRICES AND METHODS OF
 PRODUCTION
 Examiner : Unassigned
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 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

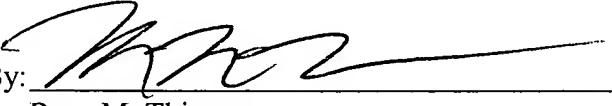
Enclosed is form PTO-1449 listing 48 references that are of record in U.S. patent application No. 09/563,143, filed May 2, 2000, which is the parent of this continuation application, and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 01/19/2003

By: 
 Rose M. Thiessen
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 Attorney of Record
 Customer No. 20,995
 (619) 235-8550

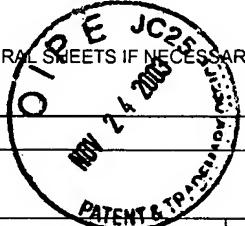
FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PALL.087C1	APPLICATION NO. 10/666,893
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Schindler, et al.	
(SEE SEVERAL SHEETS IF NECESSARY)		FILING DATE September 17, 2003	GROUP Unknown

O/I/P/E JC25 JUN 24 2003 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
1	3,709,841	01/09/73	Quentin				
2	4,207,182	06/10/80	Marze				
3	4,268,650	05/19/81	Rose				
4	4,818,387	04/89	Ikeda et al.				
5	5,401,410	03/28/95	Bell et al.				
6	5,879,554	03/09/99	Loffelmann et al.				
7	3,769,332	10/30/73	Nagayama et al.				
8	3,855,122	12/17/74	Bourganel				
9	3,869,429	03/04/75	Blades				
10	4,026,977	05/31/77	Bourganel				
11	4,054,707	10/18/77	Quentin				
12	4,207,182	06/10/80	Marzo				
13	4,268,650	05/19/81	Rose				
14	4,273,903	06/16/81	Rose				
15	4,419,486	12/06/83	Rose				
16	4,634,530	01/06/87	Kuder et al.				
17	4,714,725	12/22/87	Hendy et al.				
18	4,818,387	04/04/89	Ikeda et al.				
19	4,866,099	09/12/89	Hendy				
20	4,920,193	04/24/90	Hänn et al.				
21	4,922,485	05/01/90	Quinquis et al.				
22	4,939,180	07/03/90	Hendy				
23	4,971,695	11/20/90	Kawakami et al.				
24	4,941,893	07/17/90	Hsieh et al.				
25	4,992,485	02/12/91	Koo et al.				
26	5,008,352	04/16/91	Hendy				
27	5,013,765	05/07/91	Sluma et al.				
28	5,028,337	07/02/91	Linder et al.				

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE September 17, 2003	GROUP Unknown



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
29	5,030,672	07/09/91	Hann et al.			
30	5,013,765	05/07/91	Sluma et al.			
31	5,071,448	12/10/91	Bikson et al.			
32	5,112,892	05/12/92	Cardew et al.			
33	5,118,766	06/02/92	Hendy et al.			
34	5,246,582	09/21/93	Sluma et al.			
35	5,693,740	12/00/97	Colquhoun et al.			
36	5,879,554	03/09/99	Loffelmann et al.			
37	5,997,741	12/07/99	Shimoda et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
38	DE 3814759 A1	11/09/89	Germany				
39	DE 3814760 A1	11/09/89	Germany				
40	EP 0 145 305 A2	06/85	Europe				
41	EP 0 165 007 B1	12/18/85	Europe				
42	EP 0 165 077 A2	12/18/85	Europe				
43	DE 3321860 A1	12/20/84	Germany				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
44	PCT International Search Report; PCT/US 01/40640
45	Abstract; Derwent Publications Ltd., London, GB; AN 1990-294967; XP002181229 & JP 02 208322 A ((KURK) KURITA WATER IND. LTD.), 17 August 1990
46	Maku (Membrane), 1992, Vol. 17, No. 2, Page 85-90, Fig. 7, Tbl. 2, Ref. 4;
47	Maku (Membrane), 1992, Vol. 17, No. 2, Page 78-84, Fig. 6, Tbl. 3, Ref. 3
48	Maku (Membrane), 1992, Vol. 17, No. 3, Page 179-192, Fig. 25, Tbl. 5, Ref. 9

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